

KORCHAGIN, I.; MATUSHKINA, M.

Wages for builders on state farms working the seven-hour day.
Sel'stroi. 15 no.5:22-23 My '60. (MIRA 13:8)

1. Nachal'nik Tsentral'noy respublikanskoy normativno-issledovatel'-
skoy stantsii Ministerstva sel'skogo khozyaystva RSFSR (for
Korchagin).

(Wages) (Building)

KORCHAGIN, I.

Voronezh Province Interfarm Construction Organization in 1961.
Sel'. stroi. 15 no. 3:12 Mr '61. (MIRA 14:5)

1. Glavnyy inzh. Voronezhskogo oblmezhkolkhozstroya.
(Voronezh Province--Construction industry)
(Collective farms--Interfarm cooperation)

NOVEMBER 1957

Vegetable-base thermo-insulating material
Chazin, L. I. Bykov, and V. I. ...
99th Dec 26 1957
5% soln of NH_4PO_4 in water
and immersed in a 10% soln
in AcOEt or methyl acetate
pressed under 1 kg/cm² at 100°C
dried for 24 hrs at 80°C

KORCHAGIN, I. A.

AUTHOR: Sergeyev, A. S., Docent 105-58-4-31/37

TITLE: Dissertations (Dissertatsii)

PERIODICAL: Elektrichestvo, 1958, Nr 4, pp. 90 - 91 (USSR)

ABSTRACT: For the Degree of a Candidate of Technical Sciences, 1946-1953.
At the All Union Scientific Research Institute for Railroad Traffic Engineers (Vsesoyuznyy nauchno-issledovatel'skiy institut inzhenerov zheleznodorozhnogo transporta).
M. D. Treyvas, on March 22, 1946: " Selection of Filtering Devices for Train Undercarriages With Non-Controlled and Controlled Mercury-Arc Rectifiers". Official opponents were: Doctor of Technical Sciences Professor G. V. Dobrovol'skiy and Engineer S. M. Serdinov.
A. V. Voronin, on June 21, 1946: " Current Distribution Between the Longitudinal Lines of the Contact Network and the Calculation of the Heat Development of the Network-Elements". Official opponents were: Doctor of Technical Sciences K. M. Markvardt and Doctor of Technical Sciences Professor D. M. Minov.

Card 1/4

Dissertations

105-58-4-31/37

I. I. Vlasov, on February 21, 1947: "Some Problems on the Wear of Contact Lines for Electrified Railroads". Official opponents were: Doctor of Technical Sciences Professor K. G. Markvardt and Engineer S. M. Serdinov.

I. A. Korchagin, on June 27, 1947: "Start of the Production and the Investigation of Selenium Rectifiers for the Supply Devices of the Signalization-Centralization Blocking". Official opponents were: Doctor of Technical Sciences Professor M. I. Vakhnin and Candidate of Technical Sciences S. B. Yuditskiy.

A. V. Posse, on October 17, 1947: "Monophase D.C. Ignitron Transformer for Main-Line Electric Locomotives". Official opponents were: Doctor of Technical Sciences Professor G. I. Babat and Candidate of Technical Sciences M. A. Chernyshev.

R. I. Miroshnichenko, on June 30, 1950: "Development of the Method for the Calculation of Smoothing Devices for Rectifier Substations". Official opponents were: Doctor of Technical Sciences Professor M. I. Mikhaylov and Engineer S. M. Serdinov.

I. I. Rykov, on March 2, 1951: "Atmospheric Excess Voltages in Traction Equipment of D.C.-Railroads". Official opponents

Card 2/4

AUTHOR: Korchagin, I. SOV-107-58-8-20/53

TITLE: The Plant With the "ARZ" Trademark (Zavod s markoy "ARZ")

PERIODICAL: Radio, 1958, Nr 8, p 15 (USSR)

ABSTRACT: The article represents a brief survey of the history of the above-mentioned plant since 1932 and the equipment it has produced. At present, it is producing an improved version of the "Rekord" television set, the "Rekord 2", and plans to produce a 12-channel set this year. A new type of television set is to be produced in 1959, the production of which will double that of the 1958.

1. Television receivers--Production 2. Industrial plants
--Performance

Card 1/1

KORCHAGIN, I.G.; MEZHEVINOV, M.Yu.

Devices used for pouring into sacks and weighing extract flowing
out of Kestner apparatuses. Obm.tekh.opyt. [MLP] no.27:28-29

'56.

(MIRA 11:11)

(Tanning materials) (Condensers (Vapors and gases)--Attachments)

KORCHAGIN, I.V.

Local application of penicillin in obstetrics. Akush.gin. no.5:53-56
Sept-Oct 50. (GIML 20:5)

1. Of the Maternity Home of the Therapeutic-Medical Administration
of the Kremlin (Head Obstetrician-gynecologist -- Prof.V.P.Mikhaylov)

ACC NR: AP7000327

SOURCE CODE: UR/0413/66/000/022/0067/0067

INVENTOR: Kasperovich, A. N.; Korchagin, I. Ya.

ORG: none

TITLE: Analog-to-digital converter for d-c voltage. Class 21, No. 188587 [announced by Institute of Automation and Electrometry, Siberian Department, AN SSSR (Institut avtomatiki i elektrometrii Sibirskogo otdeleniya AN SSSR)]

SOURCE: Izobreteniya, promshlennyye obraztzy, tovarnyye znaki, no. '22, 1966, 67
TOPIC TAGS: analog digital converter, electronic circuit

ABSTRACT: An Author Certificate has been issued for an analog-to-digital converter of d-c voltage (see Fig. 1). The measured voltage and compensating voltage from the

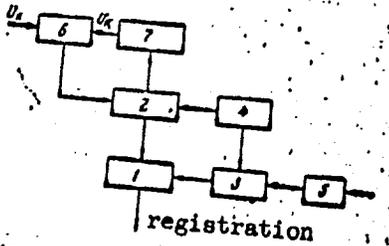


Fig. 1. Analog-to-digital converter of d-c voltage

- 1 - Adder, reversible counter; 2 - flip-flop register; 3 - counter of the number of measurements; 4 - synchronizing voltage distributor; 5 - discriminator; 6 - comparison block; 7 - a compensating voltage shaper; U_x - measured voltage; U_k - compensating voltage.

UDC: 621.317.321: 681.142.9

Card 1/2

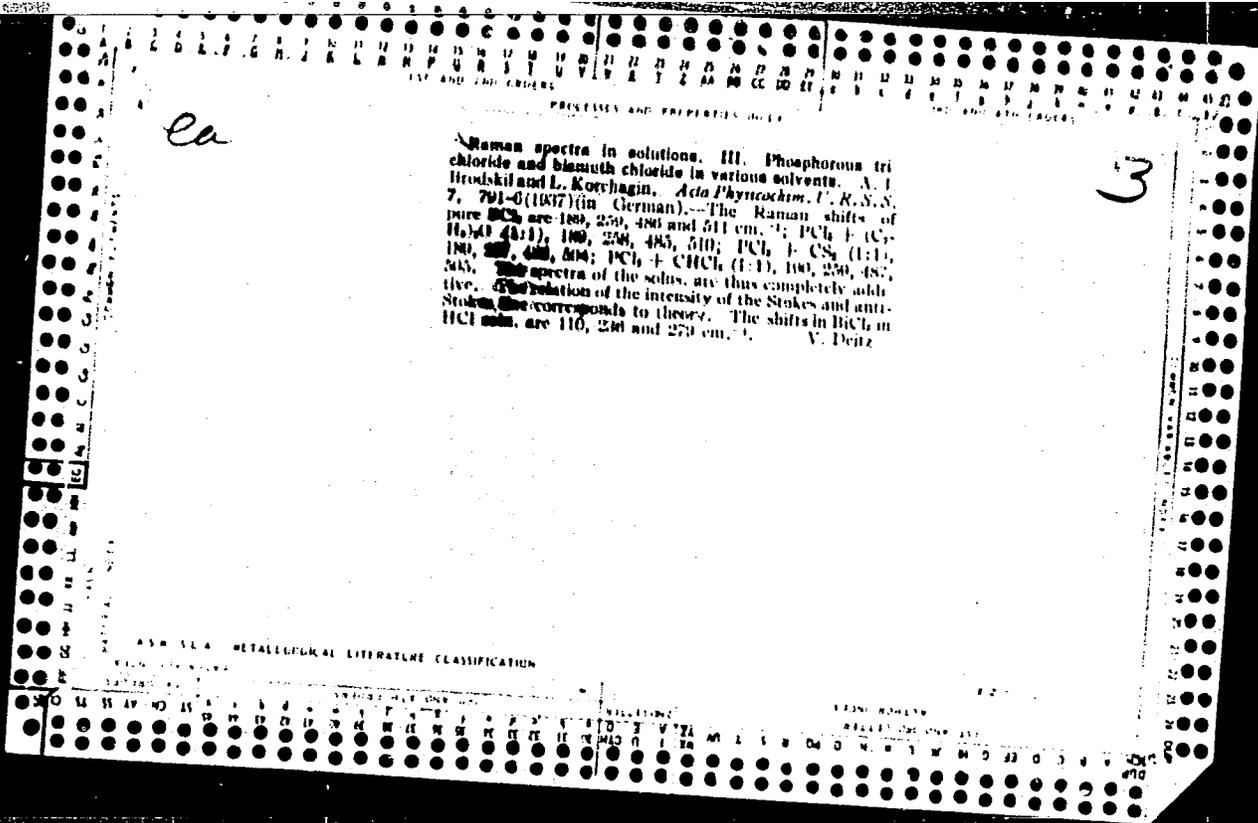
ACC NR: AP7000327

CIA-RDP86-00513R000824610004-6

APPROVED FOR RELEASE: 06/14/2000
compensating voltage shaper are applied to the comparison block inputs. A flip-flop register, connected to the output of the comparison block and to the synchronizing voltage distributor, controls the compensating voltage shaper. In order to eliminate harmonic interference of the alternating frequency, the converter has an adder-reversible counter, a counter of the number of measurements, and a discriminator. The adder inputs are connected to the outputs of the flip-flop register and the measurement counter. The harmonic interference and the command signal from the synchronizing voltage distributor are applied, through the discriminator, to the measurement counter. The adder output comprises the converter output. Orig. art. has: 1 figure.

SUB CODE: 09/ SUBM DATE: 03Jul65/ ATD PRESS: 5108

Card 2/2



KORCHAGIN, L.V.

Ua

120 117 116 115 114 113 112 111 110 109 108 107 106 105 104 103 102 101 100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

COMMENTS

OPEN

MATERIALS INDEX

120 117 116 115 114 113 112 111 110 109 108 107 106 105 104 103 102 101 100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

ADDITIVITY OF RAMAN SPECTRA IN SOLUTIONS. L. V. KORCHAGIN. *Ber. Inst. phys. Chem., Akad. Wiss. Ukr. S. S. R. B.* 150 85 (in Russian, 1934; in English, 1936) (1936). --The deviations from additivity in Raman spectra were investigated for the solns. of a number of nitrates, trihalides, solns. of H₂SO₄ and hyposulfurous acid and the relative intensities of Raman lines of PCl₃ in chloroform were detd. No deviations from additivity were observed. The soln. of AlCl₃ in water did not produce a Raman spectrum, while the Raman spectrum of BiCl₃ in C₂H₅OH could not be obtained because of the excessive light sensitivity of the soln. No Raman spectrum could be obtained with AlCl₃ in C₂H₅OH because of the pptn. of the substance during exposure. Mixts. of peroxides formed in the electrolysis of H₂SO₄ could not be investigated because of the decompn. of the solns. upon prolonged exposure. A method for the detn. of the relative intensities of the Raman spectra by homogeneous photometry is shown to be applicable. The relative intensities of the Raman spectra of PCl₃ have been measured and the data by Danre available in the literature are questioned. The intensities of Raman spectra of PCl₃ in chloroform mixts. (1:1 and 1:3 (by vol.) are measured. A. A. Bochtinek

3

ASB-11A METALLURGICAL LITERATURE CLASSIFICATION

120 117 116 115 114 113 112 111 110 109 108 107 106 105 104 103 102 101 100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

KORCHAGIN418 V8

600

1. KORCHAGIN, L. V., PIONTKOVSKAYA, M. A.

2. USSR (600)

"The Absorbtion Spectrum of Heavy Acetone in Hexane", Zhur. Fiz. Khim.,
13, No. 8, 1939. Dnepropetrovsk, Academy of Sciences Ukrainian SSR,
Institute of Physical Chemistry imeni L. V. Pisarzhevskiy. Received
1 Feb 1939.

9. Report U-1615, 3 Jan 1952

KORCHAGIN L.V.

CA

3

The absorption spectrum of heavy acetone in solution in benzene. L. V. Korchagin and M. A. Piontkovskaya. *Acta Physicochim. U. R. S. S.* 10, 881-4 (1959) (in English). —By 3 treatments of pure acetone with heavy water in the presence of H_2SO_4 , 94% of the H was exchanged for D. The ultraviolet absorption spectrum of a 0.01 to 0.07 M soln. of the product in pure benzene gave the same max. at 2790 Å. as is given by ordinary acetone. K. and P. conclude that D does not cause any marked deformation of the electronic octet of carbon. F. H. Rathmann

ASB-55A METALLURGICAL LITERATURE CLASSIFICATION

EPSHTEYN, Ye.F., doktor tekhn. nauk; **KORCHAGIN, L.V.**, kand. khim. nauk

Methods of preparing and studying certain properties of PS froth suspensions for flushing boreholes. Izv. DGI 30 no.1:63-72 '57.

(MIRA 11:3)

1. Zaveduyushchiy Kafedroy tekhniki razvedki mestorozhdeniy poleznykh iskopayemykh Dnepropetrovskogo gornogo instituta im. Artema (for Epshteyn)
(Boring) (Foam)

Korchagin, L.V.
EPSHTEYN, Ye.F.; KORCHAGIN, L.V.; BUTSIK, Yu.V.

Silicate and silicate-humic clayless solutions for flushing
boreholes during prospecting. Izv. DGI 30 no.1:85-90 '57. (MIRA 11:3)

1. Dnepropetrovskiy gornyy institut (for Epshteyn, Korchagin). 2. Treat
"Voroshilovgraduglegeologiya" (for Butsik)
(Boring) (Prospecting)

KORCHAGIN, L.V., dotsent; ALEKSEYEVA, V.A.; KARASIK, Ye.E., inzh.;
YEFIMOVA, N.A., inzh.

Efforts to avoid the freezing of mineral raw materials and
rocks to conveying equipment. Izv. vys. ucheb. zav.; gor.
zhur. no.12:96-101 '58. (MIRA 12:8)

1.Dnepropetrovskiy gornyy institut (for Korchagin, Alekseyeva,
Karasik). 2.Dnepropetrovskiy zavod plastmass (for Yefimova).
(Mine railroads--Cold weather operation)

SOV/68-59-9-13/22

AUTHORS: Tsarev, M.N., Shpakhler, A.G., Korchagin, L.V., Pluzhnik, V.I., Zel'din, B.B. and Bul'shteyn, B.M.

TITLE: Utilisation of Pitch and Pitch Distillates as Binders for Briquetting Coal Fines.

PERIODICAL: Koks i khimiya, 1959, Nr 9, pp 45 - 49 (USSR)

ABSTRACT: Binding properties of pitches from various works and the application of pitch distillates as binders in briquetting coal fines was investigated. It was established that the binding properties of pitches from various works (properties, Table 1) differ considerably. Binding properties of pitches were correlated with their crushing strength. With increasing crushing strength the quality of the briquettes improves. The crushing strength of pitch depends on the content of free carbon and insoluble in carbon disulphide residue. Physico-chemical properties of pitches depend mainly on the composition of coking blends and tar distillation conditions. Pitch produced from a blend containing an increased proportion of lean coals contain more carbon disulphide insoluble residue and possess poorer binding properties. Pitch produced by batch distillation possess lower mechanical strength and poorer

Card 1/3

SOV/68-59-9-13/22

Utilisation of Pitch and Pitch Distillates as Binders for Briquetting Coal Fines

binding properties than those produced on continuous distillation plants. Liquid pitch distillates cannot be used directly as binders (due to their low viscosity). Additions of 20 - 30% of pitch distillates to pitch increases the quality of the briquettes due to a decrease in the melting temperature of pitch and a more uniform coating of coal grains. Preparation of water emulsion from mixtures of pitch and liquid pitch distillate (Table 4) and its application as a binder improves the quality of the briquettes and decreases the consumption of pitch. Oxidation of liquid pitch distillate with air transfers it into the solid state with a softening temperature about 60°C. The product so obtained possesses high binding properties and if used in a proportion of 8 - 10% (of coal) can replace pitch. Water emulsion can be produced from the oxidation product which when applied as a binder improves the quality of the briquettes. Additions of pitch distillate to the coal permits decreasing the proportion of binder (pitch) by 10 - 12%, (Table 7).

Card 2/3

SOV/68-59-9-13/22

Utilisation of Pitch and Pitch Distillates as Binders for
Briquetting Coal Fines

There are 7 tables and 6 Soviet references.

ASSOCIATIONS: Stalinskiy sovnarkhoz (Stalino Sovnarkhoz)(Tsarev);
Dnepropetrovskiy gornyy institut (Dnepropetrovsk
Mining Institute); (Shpakler, Korchagin, Pluzhnik);
Mospinskaya briketnaya fabrika (Mospino Briquetting Works) (Zel'din,
Bul'shteyn)

Card 3/3

ALEKSEYEVA, V.A., dots.; KORCHAGIN, L.V., dots.; KURNOSOVA, P.V., dots.;
KOVALOVA, A.F., assistant; KARASIK, Ye.E., inzh.

Clarification of suspensions by the coagulation method. Ugol'
Ukr. 4 no.1:11-13 Ja '60. (MIRA 13:5)

1. Dnepropetrovskiy gornyy institut.
(Coal preparation--Equipment and supplies)

ALEKSEYEVA, V.A., KARASIK, Ye.E., KORCHAGIN, L.V.

Dependence of the pulling force on the thickness of the underlayer.
Koll. zhur. 22 no.2:247-249 Mr '60. (MIRA 13:8)

1. Dnepropetrovskiy gornyy institut im. Artema.
(Coal) (Ores)

MOZGOVY, V.I. (Dnepropetrovsk); KORCHAGIN, L.V. (Dnepropetrovsk); MNUSHKIN,
I.I. (Dnepropetrovsk); prinimali uchastiye: SEVAST'YANOVA, A.K.;
KLOCHKOVA, M.M.

Effect of polyacrylamide on the filtration process of coal suspensions.
Izv. AN SSSR. Otd. tekhn. nauk. Met. i topl. no.3:125-129 My-Je '62.
(MIRA 15:6)

(Coal preparation)

SHPAKHLER, A.G.; KORCHAGIN, L.V.; LEVIN, S.T.; BLAGOV, I.S.; KOTKIN, A.M.;
SOLOV'YEV, A.V.

Briquetting coal and anthracite breezes in a cold state. Ugol'. prom.
no.6:34-36 N-D '62. (MIRA 16:2)

1. Dnepropetrovskiy gornyy institut (for Shpakhler, Korchagin, Levin).
2. Ukrainskiy proyektno-konstruktorskiy i nauchno-issledovatel'skiy institut po obogashcheniyu i briketirovaniyu ugley (for Blagov, Kotkin, Solov'yev).

(Briquets (Fuel))

SEPKELER, S.G.; KORCHAGIN, L.V.; PER'KOV, Yu.V.

Using straight petroleum bituminous emulsion as a type of
binder for the cold briquetting of bituminous and sulphur
and glass. Izv. VNI 42:340-342 '64. (MIRA 1965)

KORCHAGIN, M., inzhener.

Correction of overheating in Waukesha-Hesselman engines. Mor.flot.
7 no.5:38-40 My '47. (MLRA 9:5)
(Diesel engines---Cooling)

KORCHAGIN, M. I.

Technology

(Ways of raising potential power of diesel units on ships). Moskva, Morskoi transport, 1951.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED

KORCHAGIN, M.I.

Indirect method of determining the capacity of an internal combustion
engine. *Energ. biul.* no.7:1-5 JI '53. (MIRA 6:7)
(Gas and oil engines)

KORCHAGIN, M. I.

AID P - P - 1543

Subject : USSR/Engineering

Card 1/1 Pub. 28 - 3/7

Author : Korchagin, M. I.

Title : Swivel and telescope-type mechanisms for cooling of pistons

Periodical : Energ. byul. 1, 9-10, Ja 1955

Abstract : Description and 3 diagrams of a improved drill for marine-type Diesel engines e.g., the 8 ChRn 39/68, with 1700 rated HP and 275 rpm or the 6 DKR 45/74, with 1,500 HP making 200 rpm. The described innovations have proved to be simple, reliable and in the long run more efficient than conventional cooling.

Institution: None

Submitted : No date

KORCHAGIN, M. I.

AID P - 2155

Subject : USSR/Engineering

Card 1/1 Pub. 28 - 6/9

Author : M. I. Korchagin

Title : Use of trichloroethylene for cleansing of oil coolers

Periodical: Energ. byul., no.5, 24-26, My 1955

Abstract : This is a step-by-step description of the washing of the tubing of a diesel oil cooler by means of trichloroethylene. This novel method of cleansing oil coolers without taking the unit apart is endorsed by the editors of the magazine.

Institution: None

Submitted : No date

KORCHAGIN, M. I.

KORCHAGIN, Mikhail Ivanovich; MELEYEV, A.S., redaktor; TIKHONOVA, Ye.A.,
tekhnicheskii redaktor

[Measuring the power of internal combustion marine engines] Izmerenie
moshchnosti sudovykh dvigatelei vnutrennego sgoraniia. Moskva, Izd-vo
"Morskoi transport," 1956. 147 p. (MLRA 9:11)
(Marine engines)

KORCHAGIN, N.I., kandidat tekhnicheskikh nauk; LOGINIV, S.P., kandidat ekonomicheskikh nauk; MIROSHNICHENKO, I.P., kandidat tekhnicheskikh nauk; SMIRNOV, S.V., kandidat tekhnicheskikh nauk.

Problems in the modernisation of the merchant marine. Sudostroenie 22
no.4:33-36 Ap '56. (MLBA 9:9)
(Merchant ships)

ORLIN, Andrey Sergeyevich; KRUGLOV, Mikhail Georgiyevich; KORCHAGIN, M.I.,
kand. tekhn. nauk, retsentsent; POPOV, A.A., kand. tekhn. nauk, red.;
BASNETSYAN, A.A., inzh., red. idz-va; EL'KIND, V.D., tekhn. red.

[Heavy-duty two-stroke marine diesels] Sudovye dvukhtaktnye dizeli
bol'shoi moshchnosti. Moskva, Gos. nauchno-tekhn. izd-vo mashino-
stroit. lit-ry, 1958. 195 p. (MIRA 11:10)
(Marine diesel engines)

KORCHAGIN, M.I., kand. tekhn. nauk

Using fast diesels as the main engines of cargo motorships.
Inform. sbor. TSNIIMG no.44 Tekh. ekspl. mor. flota no.2:
3-23 '59. (MIRA 16:10)

KORCHAGIN, Mikhail Ivanovich; MELBYEV, A.S., red.; LAVRENOVA, N.B.,
tekhn. red.

[Measuring temperature and pressure in marine diesel motors]
Izmerenie temperatury i davleniia v sudovykh diesel'nykh
ustanovkakh. Moskva, Izd-vo "Morskoi transport," 1959.
103 p. (MIRA 12:7)
(Marine diesel motors)

KORCHAGIN, M.I., kand.tekhn.nauk

Performance of the main power plant of motorships of the "Mikhail
Kalinin" type. Inform.sbor.TSNIIMF no.52. Tekh.ekspl.mor.flota
no.5:3-18 '60. (MIRA 15:2)

(Marine diesel engines)

AFANAS'YEV, Konstantin Arkad'yevich, inzh.; GRECHIN, Modest Alekseyevich, inzh.; KORCHAGIN, Mikhail Ivanovich, kand.tekhn.nauk; LOGINOV, Sergey Petrovich, kand.ekon.nauk; MIROSHNICHENKO, Il'ya Petrovich, kand.tekhn.nauk; RAPOPORT, Leonid Il'ich, kand.tekhn.nauk; SYROMYATNIKOV, Viktor Fedorovich, kand.tekhn.nauk. Prinimali uchastiye: RAYEVSKAYA, Ye.A., inzh.; GRIGOR'YEV, Ya.I., inzh. STRUMPE, P.I., red.; MARCHUKOVA, M.G., red.izd-va; LAVRENOVA, M.B., tekhn.red.

[Modernization of seagoing cargo vessels]. Modernizatsia morskikh transportnykh sudov. Pod obshchei red. P.I.Strumpe. Moskva, Izd-vo "Morskoi transport," 1960. 306 p.

(MIRA 14:1)

(Freighters--Equipment and supplies)

YEVREINOV, I.V., kand.tekhn.nauk, rukovoditel' raboty; ALFEROVA, N.V.,
kand.tekhn.nauk; GOL'DENFON, A.K., kand.tekhn.nauk; ZINCHENKO, V.I.,
kand.tekhn.nauk; KORCHAGIN, M.I., kand.tekhn.nauk; PANOV, V.A.,
kand.tekhn.nauk; URBANOVICH, A.K., kand.tekhn.nauk; FOMENKO, Yu.I.,
kand.tekhn.nauk; YAKOVSKIY, F.V., kand.tekhn.nauk; LISIN, V.N., inzh.;
LYUTOV, I.L., inzh.; NEYELOV, A.N., inzh.; STRUMPE, P.I., kand.tekhn.
nauk, otv.red.; DRANITSYN, S.N., kand.tekhn.nauk, zam.otv.red.;
GOROBETS, V.A., kand.voyen.-morskikh nauk, red.; MAKSIMADZHI, A.I.,
kand.tekhn.nauk, red.; ROZHDESTVENSKIY, N.A., kand.tekhn.nauk, red.;
SYROMYATNIKOV, V.F., kand.tekhn.nauk, red.; LEBEDEVA, N.S., red.;
STUL'CHIKOVA, N.P., tekhn.red.

[Methods of testing the thermodynamic efficiency of marine diesel
engine power plants] Metodika teplotekhnicheskikh ispytaniy
dizel'nykh sudovykh ustanovok. Leningrad, 1962. 165 p. (Leningrad.
TSentral'nyi nauchno-issledovatel'skii institut morskogo flota.
Informatsionnyi sbornik, no.83/84. Tekhnicheskaya ekspluatatsiya,
no.18/19). (MIRA 16:10)

1. Nachal'nik otdela tekhnicheskoy ekspluatatsii sudovykh silovykh
ustanovok TSentral'nogo nauchno-issledovatel'skogo instituta morskogo
flota (for Yevreinov). 2. TSentral'nyy nauchno-issledovatel'skiy
institut morskogo flota (Alferova, Gol'denfon, Zinchenko, Korchagin,
Panov, Urbanovich, Fomenko, Yakovskiy, Lisin, Lyutov, Neyelov).

AKIMOV, Pavel Petrovich; KORCHAGIN, M.J., kand. tekhn. nauk, red.;
SKOBEELING, L.V., red.izd-va; USANOVA, N.B., tekhn. red.

[Marine power plants] Sudovye silovye ustanovki. Moskva, Izd-
vo "Morskoi transport," 1962. 595 p. (MIRA 16:3)
(Marine engineering)

KORCHAGIN, M., kand. tekhn. nauk

Nominal and operational power of main marine diesel engines.
Mor. flot 23 no.7:21-22 JI '63. (MIRA 16:8)

1. Nachal'nik sektora dvigateley vnutrennego sgoraniya
TSentral'nogo nauchno-issledovatel'skogo instituta morskogo
flota.

KORCHAGIN, M. I., kand. tekhn. nauk

Prospective low-speed marine diesel engines. Inform. sbor. TSNIIMF
no. 87 Tekh. ekspl. mor. flota no. 20:3-21 '62. (MIRA 17:5)

DRANITSYN, S.N., kand.tekhn.nauk; ANTONOVICH, S.A., kand.tekhn.nauk,
nauchnyy red.; STRUMET, P.I., kand.tekhn.nauk, otv.red.;
GOROBETS, V.A., kand.voyen.-morskikh nauk, red.; YEVREINOV,
I.V., kand.tekhn.nauk, red.; KORCHAGIN, M.I., kand.tekhn.nauk
red.; KURZON, A.G., doktor tekhn.nauk, red.; ROZHDESTVENSKIY,
N.A., kand.tekhn.nauk, red.; SYROMYATNIKOV, V.B., kand.tekhn.
nauk, red.

[Automation of power plants on seagoing merchant ships.]
Avtomatizatsia silovykh ustanovok morskikh transpor tskh
sudov. Leningrad, Izd-vo "Morskoi transport," 1963, 3 p.
(Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut
norskogo flota. Informatsionnyi sbornik, no. 99) (MIRA 17:16)

GOLOVIZNIN, A.M., kand.tekhn.nauk; GOL'DENFON, A.K., kand.tekhn.nauk;
GRIGOR'YEV, G.T.; KORNYAYEV, Yu.T.; SRABOV, K.Ye.; STRUMPE, P.I.,
kand.tekhn.nauk, otv.red.; DRANITSYN, S.N., kand.tekhn.nauk,red.;
GOROBETS, V.A., kand.voyen.-morskikh nauk, red.; YEVREINOV, I.V.,
kand.tekhn.nauk; KORCHAGIN, M.I., kand.tekhn.nauk; KURZON, A.G.
doktor tekhn.nauk; MIROSHNICHENKO, I.P., kand.tekhn.nauk;
ROZHDESTVENSKIY, N.A., kand.tekhn.nauk; SYROMYATNIKOV, V.F.,
kand.tekhn.nauk; BAMA, N.G., red.; STUL'CHIKOVA, N., tekhn.red.

[Marine nuclear steam turbine plants.] Sudovye iadernye
paroturbinnye ustanovki. Leningrad. Izd-vo "Morskoi transport,"
1963. 135 p. Leningrad, TSentral'nyi nauchno-issledovatel'skiy
institut morskogo flota. Informatsionnyi sbornik, no. 77/78.
Tekhnicheskaya ekspluatatsiya morskogo flota, no. 15/16).
(MIRA 17:2)

1. Sotrudnik TSentral'nogo nauchno-issledovatel'skogo
instituta morskogo flota (for Goloviznin, Gol'denfon,
Grigor'yev, Kornayev, Srabov).

PETROVSKIY, Nikolay Viktorovich; BOLOGOV, V.S., kand. tekhn.nauk,
retsensent; KORCHAGIN, M.I., kand. tekhn. nauk, retsensent;
SULOYEV, A.V., nauchn. red.; SHAURAK, Ye.N., red.

[Fundamentals of the design of marine diesel engines] Osnovy
proektirovaniia sudovykh dizel'nykh ustanovok. Leningrad,
Sudostroenie, 1965. 359 p. (MIRA 18:10)

L 7087-66 EWP(c)/EWP(r)/T/EWP(k)/EWP(l)/ETC(m) WW
ACC NR: AP5027131 SOURCE CODE: UR/0308/65/000/011/0025/0025

AUTHOR: Korchagin, M. (Candidate of technical sciences)
ORG: none 55

TITLE: Technical operation of the fleet and ship overhaul. Increasing the quality of the domestically manufactured marine diesel DR30/50 55 006

SOURCE: Morskoy flot, no. 11, 1965, 25

TOPIC TAGS: marine engine, quality control, engine supercharger, engine turbine, engine reliability, engine quality, engine construction/ DR30 50 marine diesel

ABSTRACT: The quality of the Russian manufactured marine diesel DR30/50 is discussed and compared with foreign-made engines. Although the DR30/50 is widely used, it has many defects, such as a tendency to cracking in the cylinder blocks and chipping of the crank bearing. The period between maintenance operations of the cylinders is guaranteed at 2000 hours, and, although it reaches 3000 hours during certain partial power operations, it compares poorly with the 4000 hours for foreign diesels. The average effective pressure has been raised from 4.25 kg/cm² to 4.98 kg/cm² by improving the gas exchange, but this does not compare with the 5.5 kg/cm²

Card 1/2 UDC: 621.436
2

L 7087-66

ACC NR: AP5027131

of foreign diesels with contour scavenging. The low thermal stress of the DR30/50 permits further improvements in this area. More engineering development work must be done, particularly in the gas turbine pressurization field. The DR30/50 still uses a suspended piston-type scavenger pump in the second stage of the two-stage gas turbine pressurization. Along with the engineering advances, control of the production quality must be improved.

SUB CODE: IE

nw

Card 2/2

fraction of the reduced titanium increases up to 48%; further additions of titanium

Card 1/2

UDC: 621.762.2.001:669.295

CIA-RDP86-00513R000824610004-6

ACC NR: AR7004856

metal to the charge will only slightly increase the coarse-grained fraction. The titanium powder obtained meets the requirements of the State Technical Specifications for Ferrous Metallurgy, (ChMTU-987-63. Orig. art. has: 1 figure and 1 table. B. Neshpor. [Translation of abstract] [NT]

SUB CODE: 11/

Card 2/2

1ST AND 2ND ORDERS 100 AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

ca *75*

Lipase for defatting of silk waste products. M. V. Kurchagina. *Uchenye Zapiski Fakul'teta Estestvozn. Nauch. Gosudarst. Pedagogicheskogo Inst. (Lab. Org. i Biol. Khim.)* 1939, No. 3, 113-20; *Khim. Referat. Zhur.* 2, No. 4, 120 (1939).—Waste products of the silk industry can be defatted by a prepn. from pig pancreas contg. 0.12-0.15% (on the wt. of silk) of enzyme with lipolytic index 1. The dependence of fat removal on the concn. of the enzyme, the time of action and the pH were detd. Max. activity was found at pH = 8.0-9.0. W. R. Henn

ASB-55A METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS 100 AND 4TH ORDERS

CHECK ELEMENTS CHECK ELEMENTS

COPY COPY

MATERIALS INDEX MATERIALS INDEX

1ST AND 2ND ORDERS 100 AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

1ST AND 2ND ORDERS

1ST AND 2ND ORDERS

25

Dyeing silk with substantive dyes. M. V. Korshagin, E. A. Pigušova and A. V. Semechkina. *SKZ* 10, No. 2, 20-2(1940); *Chem. Zentr.* 1940, II, 1781. — The absorption capacity of cultivated silk for Direct Pure Blue is 0.023 and for Direct Violet 0.023 g. equiv. per 100 g. of silk. These values are in good agreement with the Meier, Fikentscher and Porai-Koschitz theory on the absorption limits of acids, acid dyes and substantive dyes. The absorption limits of tussah silk are 1.5 times those of cultivated silk. M. Hirsch

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

1ST AND 2ND ORDERS

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

25

1ST AND 2ND CROSS PROCESSES AND PROPERTIES INDEX

CA

The theory of dyeing silk with substantive dyes. M. V. Kopylov, E. A. Piguzeva and A. P. Semechkina. *Shikh* 10, No. 3-4, 24-6(1940); *Chem. Zentr.* 1940, II, 2818; cf. *Z. A.* 36, 5365. — Expts. on deaminizing silk are reported. The silk was treated for 4 hrs. at ordinary temps. with a mixt. of: AcOH 10, satd. Na acetate soln. 10 ml. and nitrite 2 g. in 30 ml. of H₂O. This mixt. was used per g. of fiber. After the treatment, the silk was carefully washed. Samples of the deaminized silk were dyed with Direct Pure Blue and Direct Violet O in the presence of NH₄Cl. The limit of adsorption of Direct Pure Blue by the treated silk was 0.014 g.-equiv. per 100 g. of silk, for Direct Violet O it was 0.015 g.-equiv. The limit of adsorption of deaminized tussah silk is 0.025 g.-equiv. per 100 g. of silk lower than of untreated silk. The lowered adsorption points to the importance of the amino group in fixing the dye. This is in accordance with the chem. theory of the mechanism of fixing substantive dyes by silk, and of the silk-like reaction between the dye and the fiber. M. Hoesch

Common Elements

Common Variable Mott

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

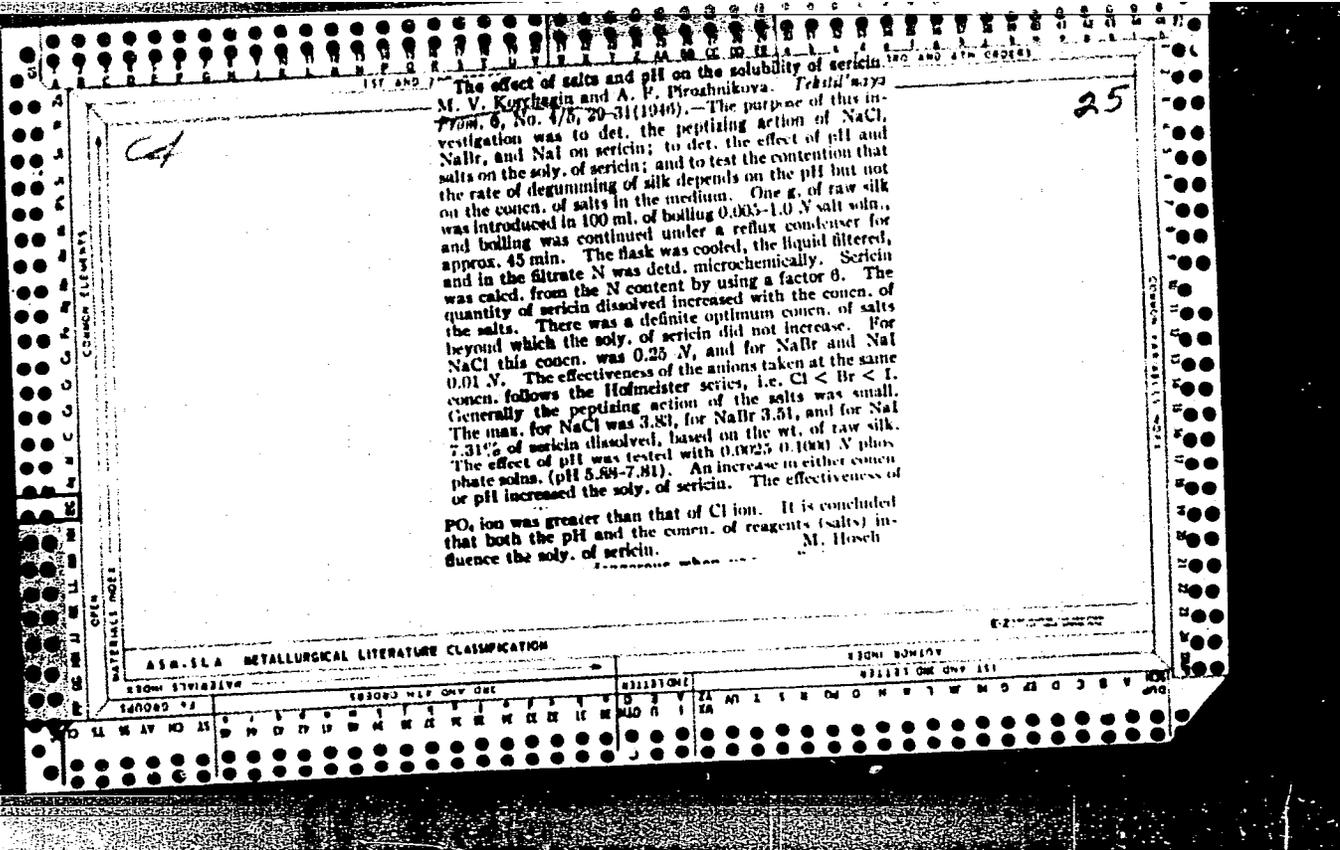
FROM ROMAN

GROUP #1

INTROD HIR ONE GPT

REALTONE

GROUP ONE ONE LET



KORCHAGIN, M. V.

Korchagin, M. V. - "The influence on fibroin of bicarbonate-carbonate buffer mixtures", Nauch.-issled. trudy (Mosk. tekstil. in-t), Vol. XI, 1948, p. 29-44, - Bibliog: 7 items.

SO: U-3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 8, 1949).

KORCHAGIN, M. V.

PHASE I
BOOK

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 328 - I

Call No.: TS1449.S2

Authors: SADOV, F. I., VIKTOROV, P. P., KORCHAGIN, M. V., and
MATETSKIY, A. I.

Full Title: CHEMICAL TECHNOLOGY OF FIBROUS MATERIALS (2nd edition)
Transliterated Title: Khimicheskaya tekhnologiya voloknistykh
materialov

Publishing Data

Originating Agency: None

Publishing House: State Scientific Technical Publishing House of
Light Industry (GIZLEGPROM)

Date: 1952

No. pp.: 784

No. of copies: 4,000

Editorial Staff

Editor: Sadov, F. I., Professor

Editor-in-Chief: None

Tech. Ed.: None

Appraisers: Griboyedov, D. N.

Professor; Klyucharev, S. V.,

Kandidate of Technical

Sciences and

Kop'yev, A. A., Kandidate

of Technical Sciences

Others: Names and contributions of Russian scientists are mentioned

Text Data

Coverage: This is the second edition of a textbook on chemical tech-

khimicheskaya tekhnologiya voloknistykh materialov

AID 328 - I

nology of fibrous materials by Prof. P. P. Viktorov, Dotsent M. V. Korchagin, and I. Matetskiy, greatly expanded and brought up to date. The book consists of five parts. Part I covers natural and man-made fibers. Part II is devoted to preparative processes for the dyeing and printing of fabrics made of natural and man-made fibers. Part III deals with the dyeing of fibrous materials with various dyes. Part IV describes the printing and Part V the finishing of fabrics. Only Russian references are mentioned.

The book seems to be a well-balanced treatment of the theory and practice of the chemical technology of fibrous materials. It might be of practical use because it gives various compositions of baths for dyeing and mentions contributions of Soviet scientists to the improvement of various aspects of dyeing and printing.

Purpose: Approved by the Ministry of Higher Education of the USSR as a textbook for institutions of higher education of the textile industry.

Facilities: Names of Soviet scientists are mentioned.

No. of Russian and Slavic References: 152

Available: Library of Congress

2/2

SADOV, F. I. ; KORCHAGIN, M. V.

Textile machinery

Effective impregnation of dirve belts made from cotton., Tekst. prom. no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, March 1952. UNCLASSIFIED.

CA

25

Action of alkalies and acids on silk fibroin in the presence of neutral salts. M. V. Korshagin (Moscow Textile Inst. *Zhur. Priklad. Khim. (J. Applied Chem.)* 25, 212 (1952).
Silk was freed of excess by a bicarbonate-carbonate buffer. Material washed in 0.2 N buffer soln. shows greater degradation than that washed in 0.04 N buffer if the buffer is a phosphate buffer with pH 11 or borate at pH 9.8; the degradation is shown by decreased viscosity in cuprammonium soln. Treatment of the fibroin with 0.02 N NaOH (45 min. at 50°) in the presence of LiCl, NaCl, NaI, Na₂SO₄, KCl, KBr, KI, CaCl₂, and BaCl₂ showed that the ions of the added neutral salts display the following series of enhanced degradation of the protein: Li, Na, K, Ca, and Ba. The anion has little if any effect. Similar treatment but in the presence of 0.015 N HCl instead of NaOH again gave a "salt" effect similar to the above, although in this case no significant difference was found between salts with Ca, Ba, or Na, but significant differences were displayed by the anions of the salts. The order of increasing degradation is displayed by Cl, Br, NO₃, and I.
G. M. Kosolovskii

KORCHAGIN, M.V.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Sadov, F.I.	"Chemical Technology of	Moscow Textile Institute
Viktorov, P.P.	Fibrous Materials	
Korchagin, M.V.	1952	
Matetskiy, A.I.		

501 w-10624, 7 July 1954

KORCHAGIN, M.V.

ROGOVA, I.V.; DUBROVSKAYA, A.I.; GUBYRIN, V.L.; KORCHAGIN, M.V.,
retsensent; GUSEVA, Ye.M., redaktor; EL'KINA, E.M., tekhnicheskii redaktor.

[Silk finishing] Otdelka shelkovykh tkanei. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva promyshlennykh tovarov shirokogo potrebleniia SSSR, 1954. 355 p. (MLRA 7:12)
(Silk manufacture and trade)

KORCHAGIN, Mikhail Vladimirovich

Academic degree of Doctor of Technical Sciences, based on his defense, 17 February 1955, in the Council of the Moscow Textile Inst, of his dissertation entitled: "Study of the process of scouring of real silk."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 17, 9 Jul 55, Byulleten' MVO SSR, no. 17, Sept 56, Moscow, pp 9-16, Uncl. JPRS/NY-435

KORCHAGIN, M. V.

7
0000

Chem

✓ Action of acids and alkalis on fibroin in the presence of organic acid salts. M. V. Korchagin. *Vysok. Tekhnol. Izv. Trudy Akad. Nauk SSSR*, 1955, No. 2372. Acid hydrolysis of silk fibroin is greatly enhanced in the presence of a no. of org. sulfonates and depends on their nature and concn. In this respect particularly active are: mercuriolate, sulfonol, Nekal BKit, the dyes (Naphthol Orange, chrysaphenine, and Direct Pure Blue); somewhat less active were Igepon T and the salts of benzene- and naphthalenesulfonic acids. In alk. hydrolysis of fibroin these substances did not enhance the destruction of silk. The salt effect was absent in acid hydrolysis of fibroin in the presence of nonionic surface active compds., such as OP-10 and Igepal. The salt effect was also absent in the presence of some basic dyes such as methylene blue and electrolytes forming amphoteric ions (sulfanilic acid, naphthionic acid, and methyl orange). The exptl. results are interpreted on the basis of the diffuse elec. layer at the interphase. M. Horsch

DM

KORCHAGIN M.V.

SADOV, F.I., professor; KORCHAGIN, M.V., dotsent.

Making rayon staple fabrics shrinkproof. Tekst.prom. 14 no.9:
32-34 S '54. (MLBA 7:11)
(Rayon)

KORCHAGIN, Mikhail Vladimirovich

SADOV, Fedor Ivanovich; SOKOLOVA, Madezhda Mikhaylovna; SHIKANOVA, Iraida Aleksandrovna; KORCHAGIN, Mikhail Vladimirovich; KALININA, Kapitolina Georgiyevich; KORYGANOV, P.V., Patsensent; GUSEVA, Ye.M., redaktor; MEDVEDYEV, L.Ya., tekhnicheskij redaktor.

[Laboratory manual for the course "Industrial chemistry of fibrous materials."] Laboratornyy praktikum po kursu "Khimicheskaya tekhnologiya volknistykh materialov." Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva promyshl. tovarov shirokogo potrebleniya SSSR, 1955. 426 p. (MLRA 8:12)
(Textile chemistry)

KORCHAGIN, Mikhail Vladimirovich
SADOV, Fedor Ivanovich, professor; ~~KORCHAGIN, Mikhail Vladimirovich~~; MATETSKIY, Aleksandr Isayevich; GUSEVA, Ye.M., redaktor; MEDVEDEV, L.Ya., tekhnicheskii redaktor.

[Chemical technology of textiles] Khimicheskaya tekhnologiya voloknistykh materialov, Izd.2-oe, perer. i dop. Fed.red.F.I. Sadova, Moskva, Gos.nauchno-tekhn.isd-vo M-va legkoi promyshl, SSSR, 1956. 829 p.
(MLRA 10:4)

(Textile chemistry)

SADOV, Fedor Ivanovich, doktor tekhn. nauk, prof.; KORCHAGIN, Mikhail
Vladimirovich, doktor tekhn. nauk, prof.; ~~MAKAROV, A. A.,~~ ~~benzent,;~~
~~GUSEVA, Ye.M., red.;~~ MEDVEDEV, L. Ya., tekhn. red.

[Finishing textile fabrics] Otdelka tkanoi. Moskva, Gos. ~~izdat~~
tekhn. izd-vo lit-ry po legkoi promyshl., 1958. 227 p. (MIRA 12.12)
(Textile finishing)
(Textile machinery)

KORCHAGIN, M.V.

Studying the migration of acid dyes in wool dyeing. Izv. vys.ucheb.-
zav.; tekhn.tekstil.prom. no.6:114-121 '61. (MIRA 15:1)

1. Moskovskiy tekstil'nyy institut.
(Dyes and dyeing--Wool)

SHIKANOVA, I.A.; KORCHAGIN, M.V.; VOROKHOVA, L.A.

Feeding of the dye baths in the continuous method of dyeing
woolen fabrics with acid dyes. Tekst.prom. 22 no.9:11-14 S
'62. (MIRA 15:9)

1. Sotrudniki Moskovskogo tekstil'nogo instituta (for Shikanova,
Korchagin). 2. Moskovskiy tekstil'nyy institut (for Vorokhova).
(Dyes and dyeing--Wool)

KORCHAGIN, M.V.; SHIKANOVA, I.A.; FILINOVA, T.F., diplomnitsa

Continuous dyeing of wool. Tekst. prom. 23 no.6:61-66 Ja '63.
(MIRA 16:7)

1. Sotrudniki kafedry khimicheskoy tekhnologii voloknistykh
materialov Moskovskogo tekstil'nogo instituta (MTI).
(Dyes and dyeing--Wool)

KORCHAGIN, M.V.; SIKORYA, I.M.

Investigating the dependence of the migration of acid dyes in wool on their affinity. Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.2:119-124 '63. (MIRA 16:6)

1. Moskovskiy tekstil'nyy institut.
(Dyes and dyeing--Wool)

VILENSKAYA, B.M., aspirant; KORCHAGIN, M.V., prof.

Dye absorption in the continuous dyeing of nylon fabrics by the
padder method. Tekst. prom. 23 no.10:8-13 0 '63. (MIRA 17:1)

1. Moskovskiy tekstil'nyy institut (MTI).

VILENSKAYA, B.M., aspirant; KORCHAGIN, M.V., prof.

Effect of the nature of the dyes on their absorption during padding in the continuous dyeing of fabrics made from viscose staple fibers. Tekst. prom. 23 no.12:49-52 D '63.
(MIRA 17:1)

1. Moskovskiy tekstil'nyy institut (MTI).

KORCHAGIN, M.V.; SHIKANOVA, I.A.; DAVYLOVA, N.V.

Sorption of dyes by hydrophole fibers. Izv. vys. ucheb. zav.;
tekhn. tekst. prom. no. 6:92-97 '64. (MIRA 18:3)

1. Moskovskiy tekstil'nyy institut.

KORCHAGIN, M.V., prof.; SHCHEPANKOVSKAYA, V.V., aspirant

Studying the migration of acid dyes on polyamide fibers.

Tekst. prom. 24 no.10:60-63 O '64.

(MIRA 17:12)

1. Mskovskiy tekstil'nyy institut.

KORCHAGIN, N.V., prof.; SHIKANOVA, I.A., dotsent; KRUPINKINA, I.V., inzh.

Role of surface-active substances in the "thermosol" dyeing
of lavsan with dispersed dyes. Tekst. prom. 24 no.11:51-55
N '64. (MIRA 17:12)

1. Sotrudniki Moskovskogo tekstil'nogo instituta.

KORCHAGIN, Nikolay Alekseyevich, kand. tekhn. nauk; YASENTSEV,
Viktor Filippovich, kand. tekhn. nauk; PETUSHKOVA, I.K.,
red.

[Static transistorized converter and control unit of an
electropneumatic brake] 'Sticheskiy preobrazovatel' na
tranzistorakh i blok upravleniya elektropnevmaticheskogo
tormoza. Moskva, Transport, 1964. 31 p. (MIRA 17:10)

KORCHAGIN, N.A., kand. tekhn. nauk; FEL'DMAN, A.B., inzh.

New power supply apparatus for communication centers. Avtom.,
telem. i svyaz' 2 no.3:8-11 Mr '58. (MIRA 13:1)
(Railroads--Communication systems)

KORCHAGIN, N.A., inzh.; BYKOVA, L.I., inzh.

New type of heat insulating material. Sudostroenie 24 no.9:66-68
S '58. (MIRA 11:11)

(Insulating materials)

KORCHAGIN, N.A., kand.tekhn.nauk; YASENTSEV, V.F., kand.tekhn.nauk

Static converters for feeding electro-pneumatic brakes. Elek.i tepl.
tiaga 5 no.4:5-7 Ap '61. (MIRA 14:6)
(Railroads--Brakes)

KORCHAGIN, N.A., inzh.

Results of the competition for the best suggestion on problems of mechanization and automatic control of labor consuming processes.
Sudostroenie 27 no.8:79 Ag '61. (MIRA 14:9)

1. Nikolayevskoye oblastnoye pravleniye Nauchno-tekhnicheskogo obshchestva sudostroitel'noy promyshlennosti.
(Shipbuilding--Equipment and supplies) (Automatic control)

TALYKOV, A.A., inzh.; KORCHAGIN, N.A., kand.tekhn.nauk

Static electromagnetic 50/25 c.p.s. frequency converter. Vest. TSNII MPS
22 no.2:39-42 '63. (MIRA 16:4)

(Electric current converters)

KARAMZIN, A.P., inzh. KORCHAGIN, N.G., inzh.

Use of a flaw detector for locating sources of radio and television interference on 110 kv. electric power transmission lines. Elek. sta. 34 no.3:82-84 Mr '63. (MIRA 16:3)
(Electric lines—Overhead)
(Radio—Interference)

POLUPANOV, F.P.; KORCHAGIN, N.I.; KOBYLYAKOV, L.M., red.; PEVZNER, V.I.,
tekh. red.; GUREVICH, M.M., tekh. red.

[Mechanization of livestock farms] Mekhanizatsiia na zhiivotnovod-
cheskikh fermakh. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 87 p.
(MIRA 14:10)

(Stock and stockbreeding) (Farm mechanization)

KORCHAGIN, N. V.

Korchagin, N. V. The mining efficiency expert. A manual Moskva Ugletekhizdat 1948.

179 p. (50-15763) TN808.R9K6

GRINER, Aleksandr Semenovich, kand. tekhn. nauk; KORCHAGIN, N.V., otvetstvennyy red.; FETTEL'MAN, N.G., red. izd-va; KOROVENKOVA, Z.A., tekhn.red.

[Some problems in the setting of production standards in mining]
Nekotorye voprosy tekhnicheskogo normirovaniia gornykh rabot;
iz tsikla leksii dlia gornykh inzhenerov. Moskva, Ugletekhnikdat,
1954. 41 p. (MIRA 11:9)

(Coal mines and mining—Production standards)

KORCHAGIN, N.V.

GRINER, Aleksandr Semenovich; KORCHAGIN, N.V., otvetstvennyy red.; SUROVA,
V.A., red.izd-va; MADEINSKAYA, A.A., tekhn.red.

[Principles for technical norms and work organization in coal mines]
Osnovy tekhnicheskogo normirovaniia i organizatsii truda na ugol'-
nykh shakhtakh. Moskva, Ugletekhizdat, 1957. 93 p. (MIRA 11:3)
(Coal mines and mining)

PROKOPENKO, Nikolay Dmitriyevich; KORCHAGIN, N.V., otv. red.

[Principles of planning work norms for mining work using calculating machines] Osnovy proektirovaniya norm truda na gornye raboty s primeneniem schetno--reshayushchikh mashin. Moskva, Nedra, 1965. 128 p. (MIRA 18:11)

GURZHIY, P.K.; KORCHAGIN, N.V.; TKACHENKO, I.I.

Ways of improving the operational supervision of production in coal
mines. Sbor. DonUGI no.28:165-168 '62. (MIRA 16:8)
(Coal mines and mining--Management)

KHANIN, A.A.; KORCHAGIN, O.F.

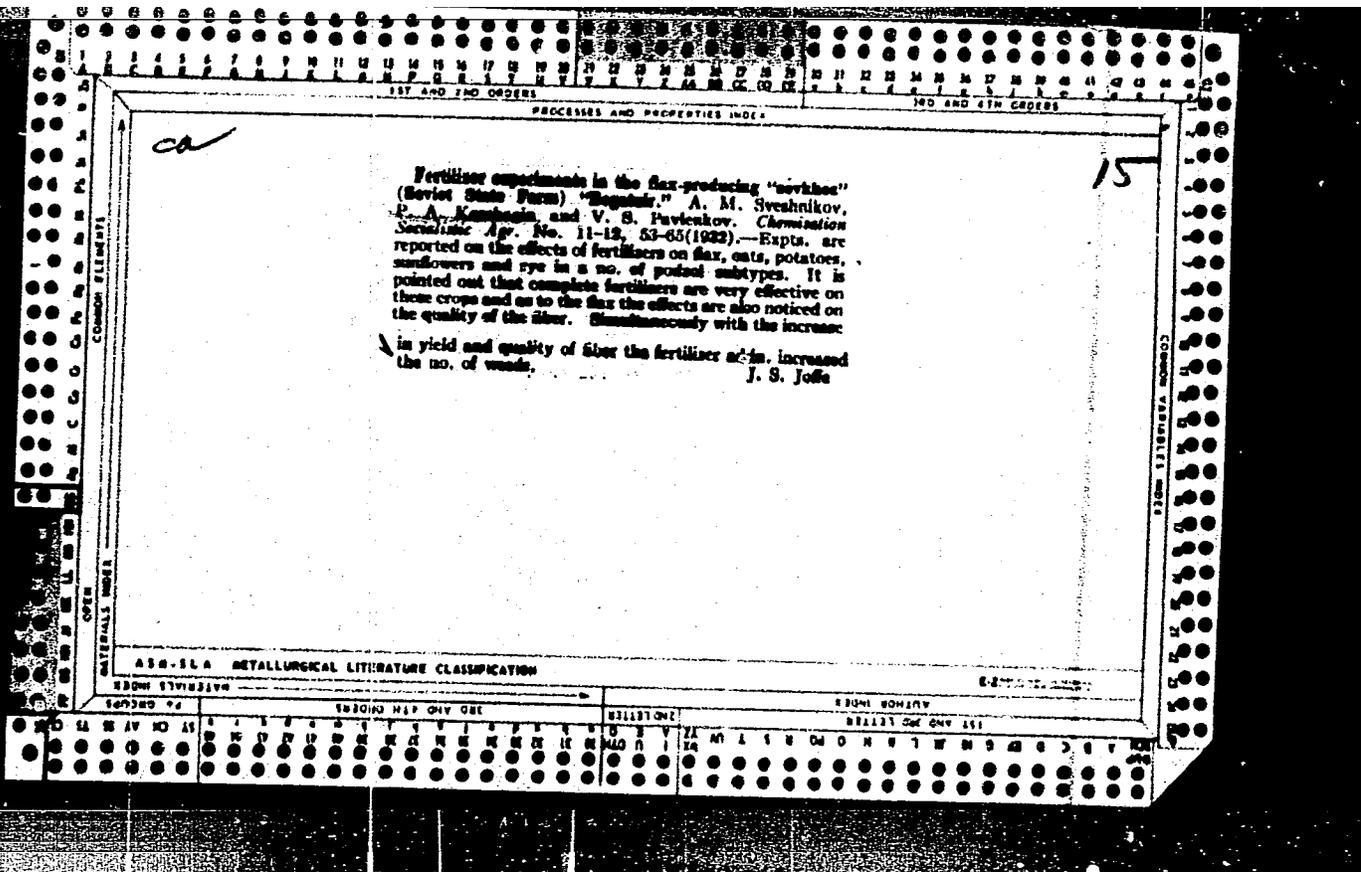
Studying irreducible water in oil and gas reservoir rocks.
Trudy VNIIGAZ no.20/28:41-64 '64. (MIRA 17:8)

KORCHAGIN, P., delegat XXII s"yezda Kommunisticheskoy partii Sovetskogo
Soyuza

Suggested by life itself. Mest.prom.i khud.promys. 3 no.1:
22-23 Ja '62. (MIRA 15:2)

1. Predsedatel' Ivanovskogo oblastnogo ispolnitel'nogo
komiteta.

(Ivanovo Province--Service industries)



KORCHAGIN, P. A.

Agricultural Machinery - Trade and Manufacture

"Increasing efficiency in agricultural machinery factories; collection of suggestions incorporated into production." Reviewed by Eng. P. A. Korchagin. Sel'khoz mashina No. 4, April 1952

Monthly List of Russian Accessions. Library of Congress, August, 1952. Unclassified.

1. AKHUNDOV, G. G. ; KORCHAGIN, P. A.
2. USSR (600)
4. Agricultural Machinery Industry
7. Technical information and exchange of experience of the factories of the Ministry for the Manufacture of Agricultural Machinery, Sel'khoz mashina, No. 11, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

KORCHAGIN, P. A.

Electric Welding

For further improvement in welding in factories of the Ministry of Agricultural Machinery Construction, Sel'khoz-mashina No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

KORCHAGIN, P.A., inzhener.

Improve the engineering of agricultural machines. Sel'khoz mashina no.1:
20-21 Ja '54. (MLRA 7:1)

1. Tekhnicheskoye upravleniye MM.
(Agricultural machinery)

KORCHAGIN, P.A., inzh.

Tekhnology of the Russian agricultural machinery industry on the
40th anniversary of the Soviet rule. Sel'khoz mashina no.11:21-23 N '57.

(MIRA 10:12)

(Agricultural machinery industry)

KORCHAGIN, P.A., inzh.

Designation of enterprises in tractor and agricultural
machinery industry as experimentation and demonstration units.
Trakt.i sel'khozmasb. no.8:33-34 Ag '59. (MIRA 12:11)
(Agricultural machinery industry)
(Tractor industry)

SHATUNOVSKIY, Grigoriy Mikhailovich, kand.tekhn.nauk; KORCHAGIN, P.A.,
inzh., retsenzent; VORONIN, B.G., inzh., red.; IVENSKAYA, N.D.,
red.izd-va; CHERNOVA, Z.I., tekhn.red.

[Engineering efficiency of the structures of agricultural
machinery] Tekhnologichnost' konstruktssii sel'skokhoziaistvennykh
mashin. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry.
1960. 367 p. (MIRA 13:6)
(Agricultural machinery)

29920-66 EWP(k)/EWT(m)/T/EWP(w)/EWP(t)/EY IJP(c) DJ/JD/MW/JG

ACC NR: AP6017300 (A, N)

SOURCE CODE: UR/0136/66/000/005/0093/0094 (4)

AUTHOR: Krupin, A. V.; Pavlov, I. M.; Linetskiy, B. L.; Chernyshev, V. N.; Zarapin, Yu. L.; Starkov, V. N.; Korchagin, P. A.; Vinogradov, V. V.; Tyukalov, T. V. 56 B

ORG: none

TITLE: Rolling of tungsten and molybdenum under conditions of low partial pressures of oxygen

SOURCE: Izvestiya metallurgii, no. 5, 1966, 93-94

TOPIC TAGS: tungsten, molybdenum, hot rolling, tungsten rolling, molybdenum rolling, vacuum rolling

ABSTRACT: Tungsten and molybdenum plates (8 x 40 x 150 mm) preforged or prerolled from sintered ingots were hot rolled in air, argon containing 0.03% O₂ and 0.01% N₂, or in a vacuum of 0.1-0.005 mm Hg. Tungsten was rolled at 1200, 1300, and 1450C with reductions of 10, 20, and 30% per pass; molybdenum was rolled at 950, 1050, and 1150C with reductions of 10, 20, 30, 50, and 55% per pass. A sharp increase in the roll pressure, torque, forward slip, and friction coefficient was observed with change from air atmosphere to a pressure of 0.1 mm Hg. This was caused by increased friction. Lowering the pressure from 0.1 to 0.005 mm Hg had little or no additional effect. Increasing the rolling temperature in vacuum of 0.01 mm Hg had an insignificant effect: on the specific pressure in rolling molybdenum, but appreciably

Card 1/2

UDC: 669.27/.28:621.771

L 29920-55

ACC NR: AP6017300

decreased the specific pressure in rolling tungsten, e.g., from 74 at 1200C to 64 and 60 kg/mm² at 1300 and 1450C, respectively. The specific pressure increased with increasing reduction. In rolling tungsten in a vacuum of 0.1 mm Hg, increasing the reduction from 20 to 30% led to a specific pressure increase from 74 to 91 kg/mm² at 1200C and from 60 to 69 kg/mm² at 1450C. In rolling molybdenum the specific pressure increased from 44 to 96.5 kg/mm² with increasing reduction from 10 to 45% at 1050C. In vacuum rolling at high temperatures and reductions a sticking of metal to the rolls was observed. In rolling of tungsten at 1450C with a reduction of 35%, an intensive sticking resulted in splitting of metal. Little or no sticking was observed at 1200C. Noticeable sticking was observed in rolling molybdenum at 1150C. [MS]

SUB CODE: 11,13/SUBM DATE: none/ ORIG REP: 001/ ATD PRESS: 5011

Card 212 11E

KORCHAGIN, P.N.

In Chkalov on March 21 was held the oblast conference of young specialists of agriculture--agronomists, forest-meliorators, zootechnicians, veterinarians and veterinary technicians of kolkhozes, sovkhoses, machine-tractor and specialized stations--heard a report of the secretary of the oblast committee of the KPSS (Communist Party Soviet Union), P.N. KORCHAGIN, on the topic "On Increase of the Role of Young Specialists in the business of Advancement of Agriculture".

SO: Veterinariya; Vol. 30; No. 6; 60-62; June 1953 uncl de g
Trans. # 334 by L. Lulich